

**Practitioner's Docket No.:** 789\_116

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the application of:       Yukihisa TAKEUCHI

Ser. No.: 10/673,384

Art Unit: 2879

Filed: September 26, 2003

Examiner: Joseph L. Williams

Conf. No.: 2569

For:   LIGHT-EMITTING DEVICE AND FIELD EMISSION DISPLAY HAVING SUCH  
      LIGHT-EMITTING DEVICES

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. 1.97(d)**

**TIME OF TRANSMITTAL OF ACCOMPANYING  
INFORMATION DISCLOSURE STATEMENT**

1. The information disclosure statement transmitted herewith is being filed *after*:

- (1) a final action under § 1.113,
- (2) a notice of allowance under § 1.311, or
- (3) an Office Action that closes prosecution ,

but before, or simultaneously with, the payment of the issue fee.

**STATEMENT AND FEE**

2. In accordance with the requirements of 37 C.F.R. 1.97(d):

- A. Accompanying this transmittal is a statement, as specified in 37 C.F.R. 1.97(e).
- B. Applicant(s) submit(s) the submission fee set forth in § 1.17(p) (\$180.00).

**METHOD OF PAYMENT OF FEE**

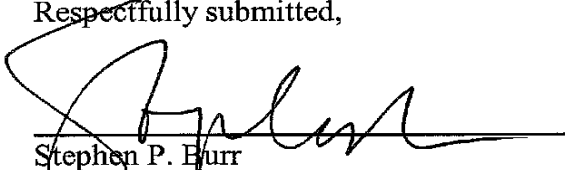
3. ☐ Attached is a check in the amount of \$.
- ☐ Charge Account 50-1446 in the amount of \_\_\_\_\_.
- A duplicate of this paper is attached.
- ☒ The fees associated with this paper are being paid electronically with this submission.

If any additional fees are due, please charge Deposit Account 50-1446.

Respectfully submitted,

July 19, 2006

Date

  
Stephen P. Burr  
Reg. No. 32,970

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**CERTIFICATION UNDER 37 C.F.R. § 1.97(e)**

Sir:

- ☒ Each item of information contained in the Information Disclosure Statement filed herewith was *first* cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

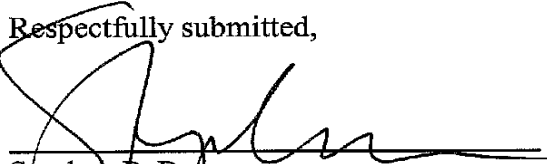
OR

- ☐ No item of information in the Information Disclosure Statement filed herewith was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Respectfully submitted,

July 19, 2006

Date

  
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**INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449. Required copies of the references listed on Form PTO-1449 are attached.

Also enclosed is a copy of a European Search Report from a corresponding European patent application bearing a mailing date of June 22, 2006, and the U.S. PTO is directed thereto for a concise statement of possible relevance of the references cited therein.

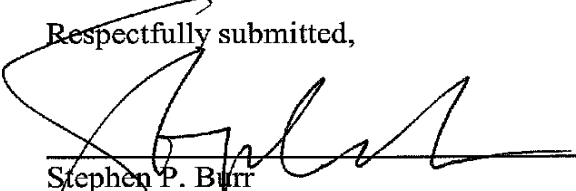
Reference DC corresponds to Reference DD.

The above information is presented so that the Patent and Trademark Office may, in the first instance, determine any materiality thereof to the claimed invention. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that these references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

The Commissioner is hereby authorized to charge any additional fees associated with this communication or credit any overpayment to Deposit Account No. 50-1446.

July 19, 2006  
\_\_\_\_\_  
Date

Respectfully submitted,

  
\_\_\_\_\_  
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Form PTO-1449  US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/673,384
				Filing Date	September 26, 2003
				First Named Inventor	Yukihisa TAKEUCHI
				Art Unit	2879
				Examiner Name	Joseph L. Williams
				Confirmation No.	2569
Sheet	1	of	1	Attorney Docket No.	789_116

### U.S. PATENT DOCUMENTS

Exam. Initial		Document Number	Date	Name	Our Docket No.	Class	Sub Class	Filing Date

### FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub Class	Translation	Abstract
	<b>DC</b>	01/71759	09/27/2001	WO				✓
	<b>DD</b>	1 278 227 A1	01/22/2003	EP				
	<b>DE</b>	2000-285797	10/13/2000	JP			JPO Machine Translation	✓
	<b>DF</b>	2000-306493	11/02/2000	JP			JPO Machine Translation	✓

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages etc.)

	<b>DG</b>	Nakajima et al., "Generation of ballistic electrons in nanocrystalline porous silicon layers and its application to a solid-state planar luminescent device," Applied Physics Letters, Volume 81, Number 13, 23 September 2002, pp. 2472-2474.
	<b>DH</b>	Nakajima et al., "A Solid-State Light-Emitting Device Based on Excitations of Ballistic Electrons Generated in Nanocrystalline Porous Polysilicon Films," Jpn. J. Appl. Phys. Vol. 41 (2002) pp. 2707-2709

Examiner:		Date Considered:	
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.